

12/19/01
1058 U.S. PTO

12-26-01

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Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 6068.US.D1
First Inventor Patricia A. Billing-Medel
Title Reagents and Methods Useful for Detecting Diseases of the Gastrointestinal Tract
Express Mail Label No. EL507388169US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 104]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. ☐ Oath or Declaration [Total Pages 3]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☒ paper
c. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
16. ☒ Other Request to Use Computer-Readable Form from a Priority Application

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

Prior application information:

Examiner

S. Zitomer

of prior application No.: 09,049,698
Group Art Unit: 1656

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

23492
(Insert Customer No. or Attach bar label here)

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Mimi C. Goller

Registration No. (Attorney/Agent)

39,046

Signature

Mimi C. Goller

Date

December 19, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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10/025167
12/19/01

FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$ 992.00)

Complete if Known

Application Number

Filing Date

December 19, 2001

First Named Inventor

Patricia A. Billing-Medel

Examiner Name

Group Art Unit

Attorney Docket No.

6068.US.D1

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

01-0025

Abbott Laboratories

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$ 740.00)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims		Fee from below		Fee Paid
Total Claims	8	-20** =	0	X		0
Independent Claims	6	-3** =	3	X	84	252
Multiple Dependent						

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 252.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY**

Name (Print/Type)

Mimi C. Goller

Registration No.
(Attorney/Agent)

39,046

Complete (if applicable)

Telephone

US-847-935-7550

Signature

Date

Dec 19, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

6/27/2001 ENDRG 00000006 010025 10025167

01 FEE 001	740.00 CH
02 FEE 002	232.00 CH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Patricia A. Billing-Medel, *et al.*

Serial No.:

Group No.:

Filed: December 19, 2001

Examiner:

For: REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE
GASTROINTESTINAL TRACT

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL507388169US

Date of Deposit: December 19, 2001

I hereby state that the following *attached* paper or fee

Utility Patent Application Transmittal— 1 pg.

Fee Transmittal, - 1 pg. (in duplicate)

Preliminary Amendment— 2 pgs.

Specification (82 pages); Paper copy of Sequence Listing Pgs. 83-100 (18 pgs.); Claims (3 pages); Abstract
(1 page); **Total: 104 pages.**

Drawings — 8pgs.

Executed Declaration and Power of Attorney (previously submitted)- 3 pages

Statement to Support Filings and Submission in Accordance with 37 CFR 1.821 through 1.825— 1 pg.

Request to Use Computer Readable Form from a Priority Application— 1 pg.

Two Return-Receipt Postcards

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service
under 37 CFR 1.10, on the date indicated above and is addressed to the Box Patent Application, Assistant
Commissioner for Patents, Washington, D.C. 20231.

Wanda E. Smith



Signature of person mailing paper or fee

(Express Mail Certificate)

10025167 "121901"

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: P. A. Billing-Medel., *et al.*

Serial No.: (Not yet assigned)

Filed:

For: REAGENTS AND METHODS
USEFUL FOR DETECTING
DISEASES OF THE
GASTROINTESTINAL TRACT

Examiner: (Not yet assigned)

Group Art Unit : (Not yet assigned)

Attorney Docket No.: 6068.US.D1

Date: December 14, 2001

EXPRESS MAIL NO.: EL507388169US

Certificate of Mailing under 37 CFR §1.10:

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as Express Mail Post Office to Addressee Service with sufficient postage in an envelope addressed to:

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231, on:

Date of Deposit: December 19, 2001

Wanda E. Smith 12/19/01
Wanda E. Smith Date

**REQUEST TO USE COMPUTER READABLE FORM
FROM A PRIORITY APPLICATION**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The computer readable form in this application is identical with that submitted in the parent application, U.S. Serial No. 08/828,856, the specification of which was filed on March 31, 1997. In accordance with 37 C.F.R. 1.821(e), Applicants request that the same computer readable form, which was submitted in the parent application be used as the computer readable form for the instant application. Applicants understand that the Patent and Trademark Office will make the necessary change in application number and filing date for the computer readable form that will be used for the instant application. A paper copy of the Sequence Listing is included in the specification. A statement to support the filings and submissions in accordance with 37 C.F.R. §1.821-1.825 is also included.



23492

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Respectfully submitted,
P. A. Billing-Medel, et al.

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